

QALMRI Report Template

LIGN 170, Summer 2024

I. Q: Question

- A. What is the broad question addressed in the research? (e.g., “Does language influence perception?”)
- B. What are the specific question(s) addressed in the research? (e.g., “If one language has a specific term for one color, and another language does not have any term for that color, will speakers of the two languages perceive the color differently?”)

II. A: Alternatives

- A. What was the author’s hypothesis? (e.g., factor X will show an effect)
- B. What were the other alternatives? (e.g., factor X will not show an effect)

III. L: Logic

- A. What was the logic of the hypotheses?
- B. If the author's hypothesis is true, what should happen? (e.g., If alternative 1 (and not alternative 2) is correct, then when a particular variable is manipulated, the participants' behavior should change in a certain way)

IV. M: Method

- A. Participants (N):
- B. Number of trials (n):
- C. What was the independent variable (the factor being experimentally manipulated):
- D. What was the dependent variable (the behavior being measured):
- E. What were the experimental stimuli like?:
- F. What was the procedure like? (e.g., what they see, when, for how long, and in what order)

V. Results

- A. What was the outcome of the experiment? (e.g., Describe the results in order of importance and relevance to initial question(s)):
- B. Descriptions of the data shown in tables, charts, etc., as necessary (e.g., Did different subject groups yield different group means? What were these means? Or did the entire subject population produce a distinctive pattern of responses?)

VI. Inferences

- A. What can the results of the experiment tell us about the alternatives?
- B. Did the results seem reliable, or do you feel they might have been an artifact of the way the experiment was conducted?
- C. Were there confounds that could have caused the results? (e.g., if there is a difference between the subject groups, are there other ways in which the groups differ that are not controlled?)
- D. Suggestions as to how to fix flaws, overcome them, or follow up on them in subsequent experiments: (e.g., If you were to conduct a follow-up experiment, what would it be (hint: think of questions that remain unanswered by the present results, and sketch a study that could bear on one or more of those questions?)